

### Description

- For 1/4" x 1-1/4" (6.35mm x 31.8mm) fuses
- Ideal for harsh environments
  - Water
  - Salt Spray
  - Ultraviolet Light
  - Ozone
  - -40° to 150°C temperature range
  - Withstands many organic solvents and rigorous shock and vibration
- Accepts #18 to #12 AWG copper wire
- High visibility yellow color
- Recommended crimp tools:
  - Thomas & Betts – WT-112M
  - California Terminal Products No. 1250
  - Channelock No. 909
- Replacement contact clip: BK/1A2294
- UL flammability rating 94 HB

### Ordering

- Specify packaging, product, and option code



### Environmental Data

- Temperature Rating (RTI): 100°C
- Waterproof typically to a depth of 1 foot for 2 hours
- Vibration Resistance: Per MIL STD 810C
- Humidity: 85°C/85% relative humidity for 96 hours
- Brittle Point: Less than -60°C
- Abrasion: 54% NBS index
- Fluid resistance: Type and Class AA, BA, BC, BE, CA, CE per ASTM D-2000 Standard Classification System for rubbers
- Flame Resistance: Pass FMVSS302 and related slow burning when tested in accordance with UL 94HB
- Ozone Resistance: Passed 70 Hours in 50 ppm ozone per ASTM D-5
- Salt Spray: 15% for 166 hours = 0% volume swell
- Xenon Arc Weatherometer

Component	Material
Body	Thermoplastic Rubber
Crimp	Copper Tin-Plated

SPECIFICATIONS		
Product Code	Voltage Rating AC	Current Rating AC
HFB	32V	30A

Time (Hrs)	Tensile Strength (psi)	Elong. (%)	100% Mod. (psi)
0	1100	375	470
500	1130	350	520
1000	1190	350	520

- Heat Aging (% Retention of Mechanical Properties at 125°C)

Parameters	Days				
	1	7	15	30	41.7
Tensile Strength	100	105	115	120	120
% Elongation	90	90	90	90	90
100% Mod.	105	110	120	120	120

PACKAGING CODE	
Packaging Code	Description
Blank	10 pieces of fuseholders packed into a carton
BK	100 pieces of fuseholders packed into a poly bag

OPTION CODE	
Option Code	Description
-R	RoHS compliant version

#### North America

Cooper Electronic Technologies  
1225 Broken Sound Parkway NW  
Suite F  
Boca Raton, FL 33487-3533  
Tel: 1-561-998-4100  
Fax: 1-561-241-6640  
Toll Free: 1-888-414-2645

Cooper Bussmann  
P.O. Box 14460  
St. Louis, MO 63178-4460  
Tel: 1-636-394-2877  
Fax: 1-800-544-2570

#### Europe

Cooper Electronic Technologies  
Cooper (UK) Limited  
Burton-on-the-Wolds  
Leicestershire • LE12 5TH UK  
Tel: +44 (0) 1509 882 737  
Fax: +44 (0) 1509 882 786

Cooper Electronic Technologies  
Avda. Santa Eulalia, 290  
08223  
Terrassa, (Barcelona), Spain  
Tel: +34 937 362 812  
+34 937 362 813  
Fax: +34 937 362 719

#### Asia Pacific

Cooper Electronic Technologies  
1 Jalan Kilang Timor  
#06-01 Pacific Tech Centre  
Singapore 159303  
Tel: +65 278 6151  
Fax: +65 270 4160